

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111921\
 Data File : VU045896.D
 Acq On : 19 Nov 2021 15:47
 Operator : SY/MD
 Sample : M4752-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 03:54:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 22 03:50:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

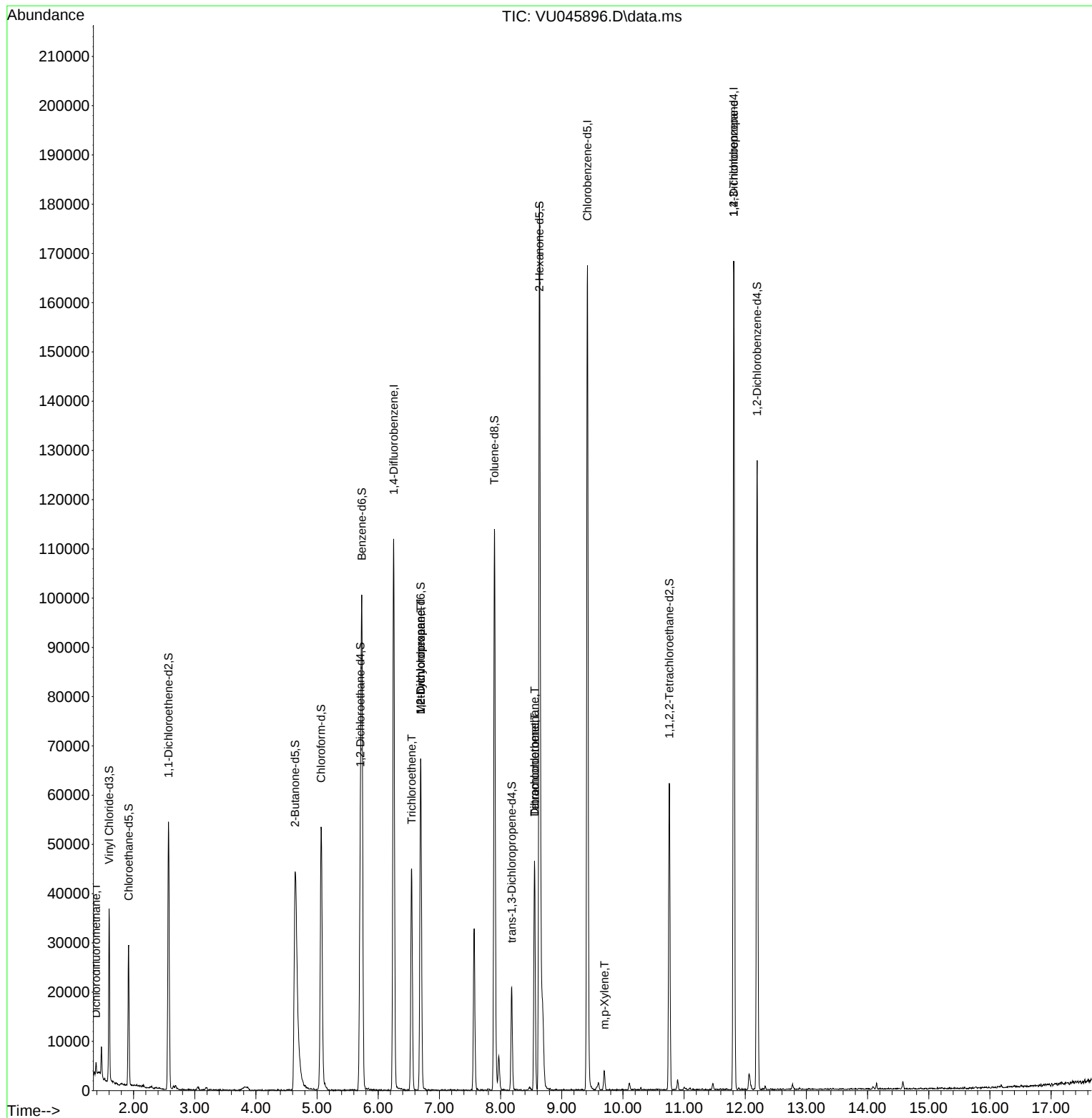
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89350	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	94102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	23764	3.357	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.919	69	21117	4.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.571	65	10308	3.472	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.642	46	100492	52.972	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.940%
24) Chloroform-d	5.067	84	49699	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.706	65	29639	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.732	84	93103	3.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
36) 1,2-Dichloropropane-d6	6.694	67	32052	3.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.899	98	77707	3.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.200%#
43) trans-1,3-Dichloroprop...	8.182	79	12377	3.733	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.636	63	64888	43.482	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31341	4.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	32503	4.296	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	1421	0.195	ug/L	98
34) Trichloroethene	6.546	95	15235	2.251	ug/L	99
35) Methylcyclohexane	6.694	83	7452	0.717	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	3420	0.495	ug/L #	88
47) Tetrachloroethene	8.555	164	10279	2.170	ug/L	98
49) Dibromochloromethane	8.555	129	10116	1.731	ug/L #	10
53) m,p-Xylene	9.700	106	1348	0.124	ug/L	89
61) 1,2,3-Trichloropropane	11.812	75	5710	1.248	ug/L #	65

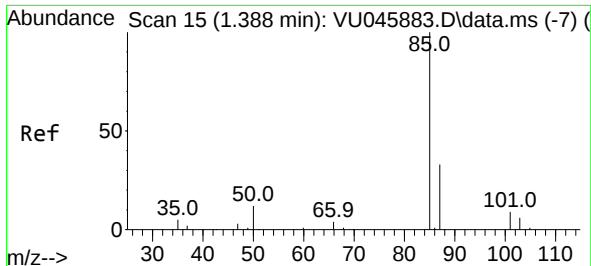
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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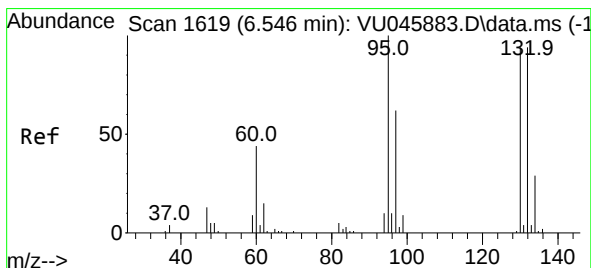
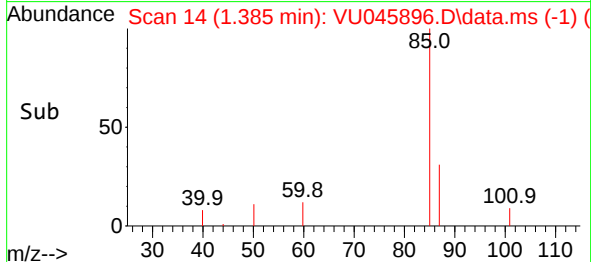
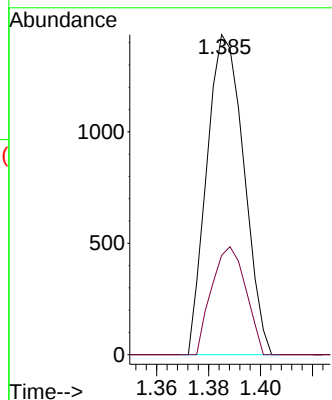
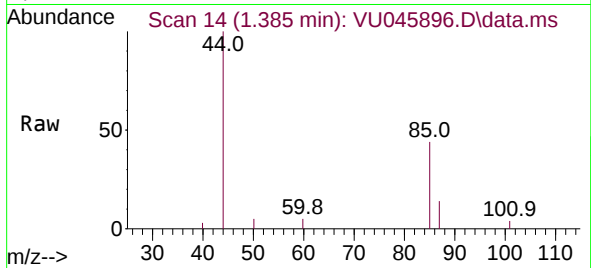




#2
Dichlorodifluoromethane
Concen: 0.195 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU045896.D
Acq: 19 Nov 2021 15:47

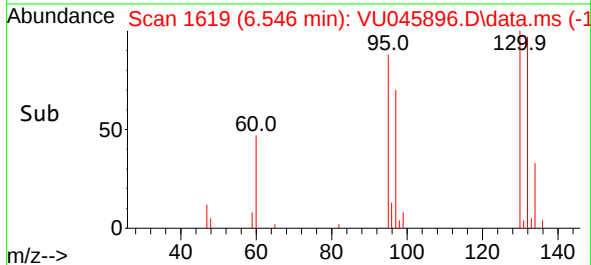
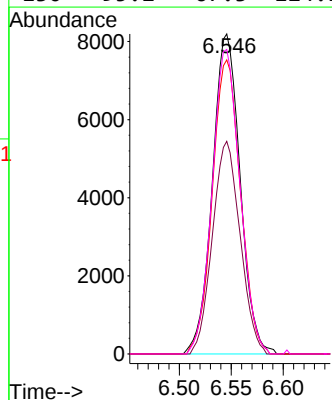
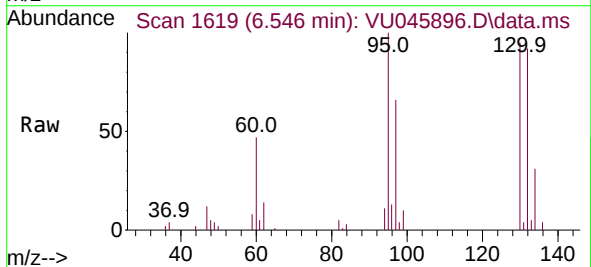
Instrument :
MSVOA_U
ClientSampleId :

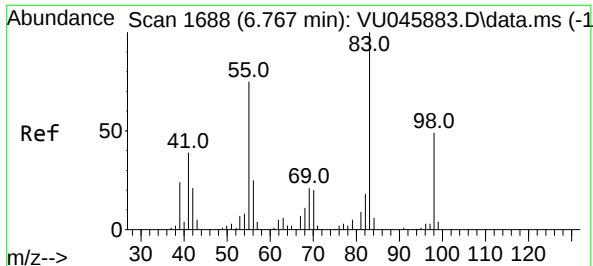
Tgt Ion: 85 Resp: 1421
Ion Ratio Lower Upper
85 100
87 31.0 25.8 38.6



#34
Trichloroethene
Concen: 2.251 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045896.D
Acq: 19 Nov 2021 15:47

Tgt Ion: 95 Resp: 15235
Ion Ratio Lower Upper
95 100
97 66.4 46.5 86.5
132 91.9 65.1 120.9
130 95.2 67.3 124.9

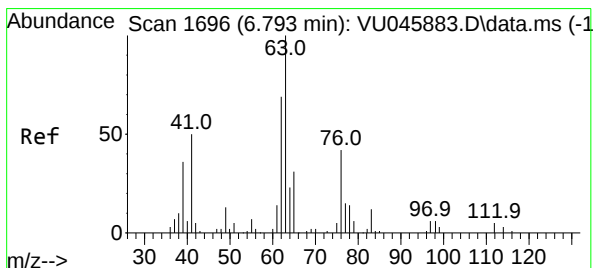
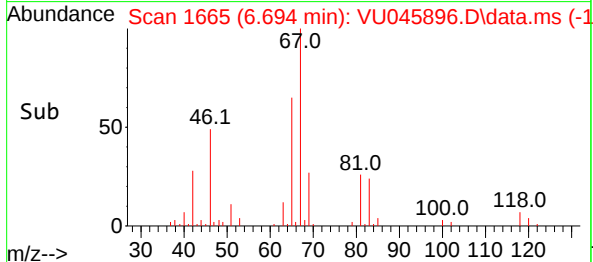
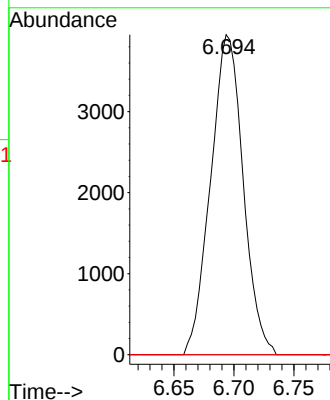
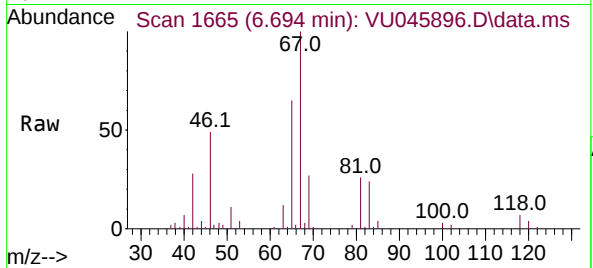




#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045896.D
Acq: 19 Nov 2021 15:47

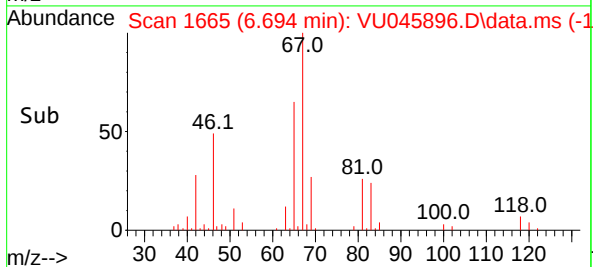
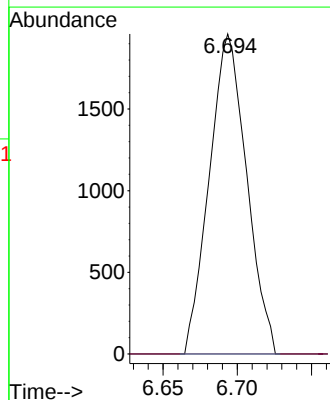
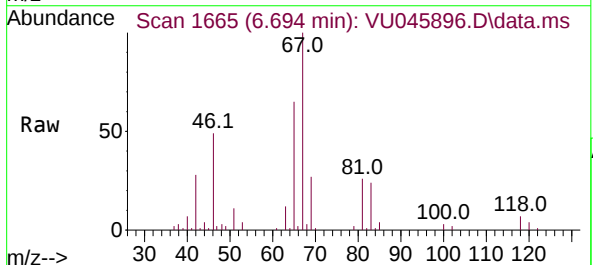
Instrument :
MSVOA_U
ClientSampleId :

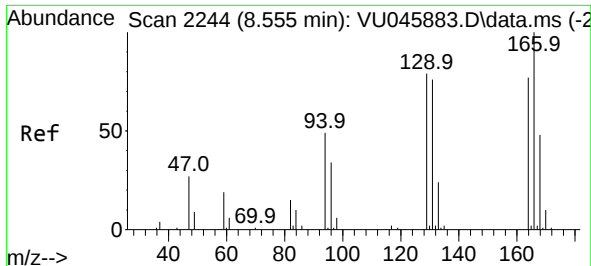
Tgt Ion: 83 Resp: 7452
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 3.4 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU045896.D
Acq: 19 Nov 2021 15:47

Tgt Ion: 63 Resp: 3420
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 2.170 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

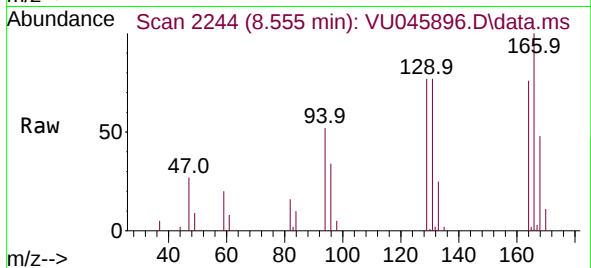
Lab File: VU045896.D

Acq: 19 Nov 2021 15:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 10279

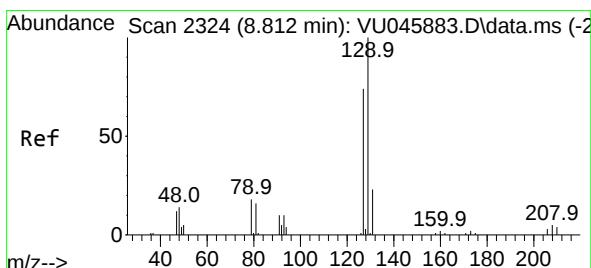
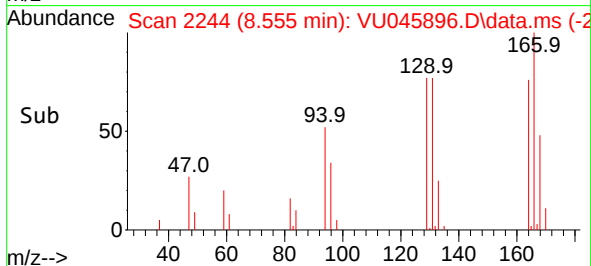
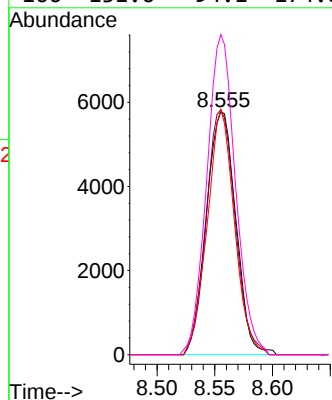
Ion Ratio Lower Upper

164 100

129 100.8 71.8 133.4

131 100.8 68.5 127.3

166 131.6 94.1 174.8



#49

Dibromochloromethane

Concen: 1.731 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU045896.D

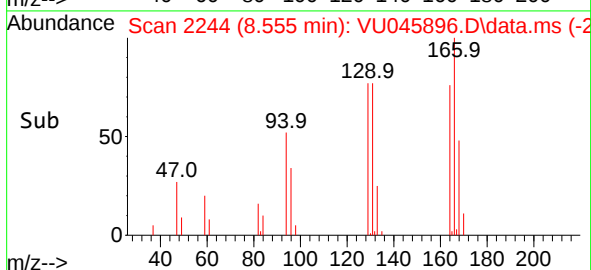
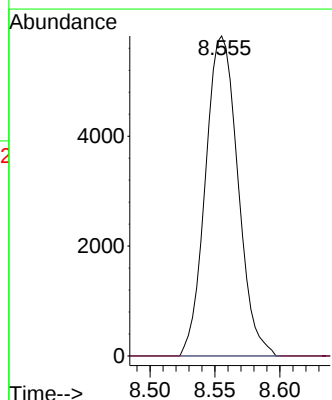
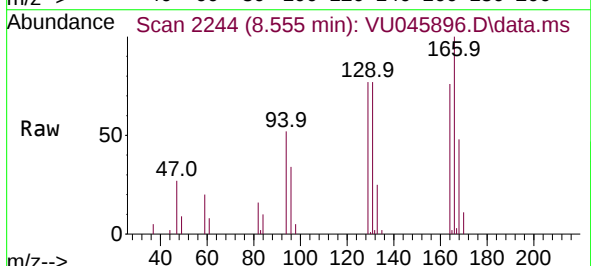
Acq: 19 Nov 2021 15:47

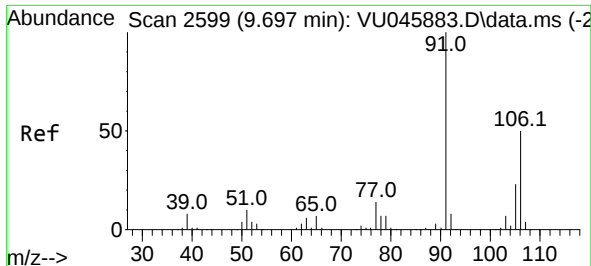
Tgt Ion:129 Resp: 10116

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#

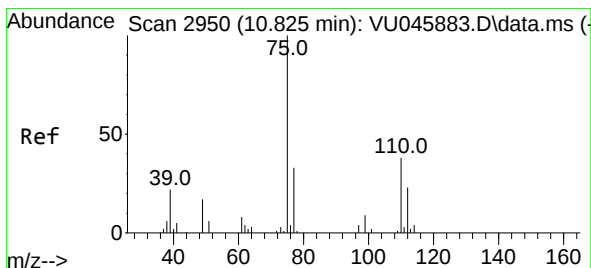
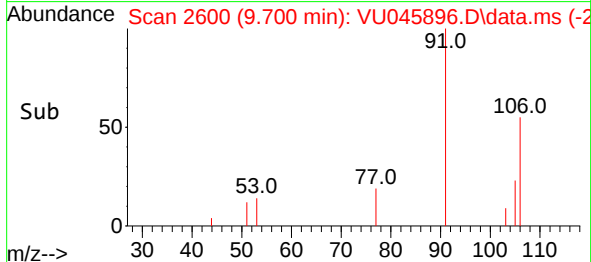
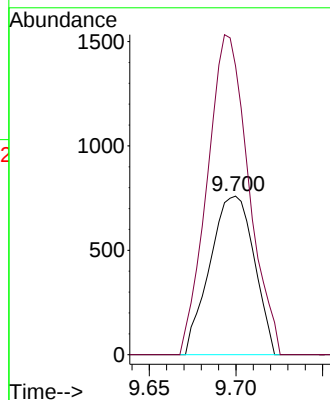
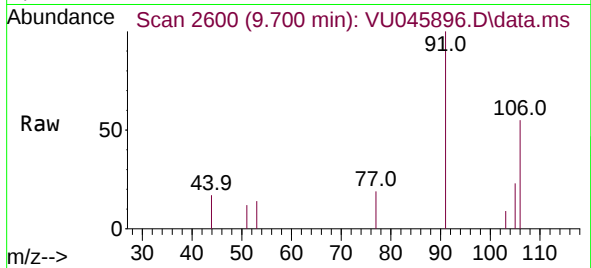




#53
m,p-Xylene
Concen: 0.124 ug/L
RT: 9.700 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045896.D
Acq: 19 Nov 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 1348
Ion Ratio Lower Upper
106 100
91 182.0 139.4 259.0



#61
1,2,3-Trichloropropane
Concen: 1.248 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU045896.D
Acq: 19 Nov 2021 15:47

Tgt Ion: 75 Resp: 5710
Ion Ratio Lower Upper
75 100
110 1.2 29.9 44.9#
77 28.9 25.5 38.3

